

### REMARKS

Claim 1 has been amended to require the live *Plasmodium* organism is genetically engineered to disrupt a gene whose expression is up-regulated in infective salivary gland sporozoites and whose function is not required for entry into host hepatocytes. Support for this amendment can be found in the specification at page 4, line 32, to page 5, line 2; page 9, lines 13-27; and Examples 1 and 2, describing the creation and immunization of *Plasmodium* organisms that are genetically engineered to disrupt UIS3 (Example 1) and UIS4 (Example 2), the expression of which is up-regulated in infective salivary gland sporozoites. Claims 2-5 have been canceled.

### Conclusion

Entry of the foregoing amendment to Claim 1 is requested. The Examiner is further requested to contact applicants' representative at the number set forth below to discuss any issues that may facilitate prosecution of this application.

Respectfully submitted,

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